

JAN 14 1992



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Karen E. Duff
EXECUTIVE SECRETARY

December 17, 1991

(Engineering and Operations Committee--Action)
Board of Directors (Finance and Insurance Committee--Action)

General Manager

Revision No. 4 to Appropriation No. 557 to Increase Funding from \$18,450,000 to \$19,800,000 and Award a Contract for Procurement of Fabricated Steel Pipe and Fittings for Mills Filtration Plant Expansion No. 2

Report

In February 1991, your Board approved Revision No. 3 to Appropriation No. 557 to a total of \$18,450,000, and authorized all costs in advance of construction contracts for the expansion of the Mills filtration plant. The increased plant capacity is necessary to meet population growth in the Riverside County area and to meet new water quality regulations.

The Notice Inviting Bids for furnishing fabricated steel pipe sections, fittings, and appurtenances under Specifications No. 1245 was advertised on November 12, 1991, for bids to be received on December 12, 1991. The specifications were amended by one supplement. These materials are for construction of the inlet pipeline for Mills filtration plant expansion No. 2.

Specifications No. 1245 require that the contractor fabricate and furnish approximately 413 lineal feet of 97-inch-inside-diameter steel pipe, approximately 336 lineal feet of 121-1/2-inch-inside-diameter steel pipe, approximately 69 lineal feet of 145-1/2-inch-inside-diameter steel pipe, fittings, and appurtenances. The materials are to be delivered to the Mills filtration plant in Riverside by August 31, 1992. Construction work for the plant expansion is expected to begin during the summer of 1992. One bid was received at the bid opening. The bid was submitted by Ameron, Inc., in the amount of \$1,050,000. This bid is \$500,000 below the engineer's estimate. Attachment A reflects the total contract amount after the addition of applicable taxes. Ameron, Inc., is experienced and qualified to furnish the specified materials and has satisfactorily completed numerous contracts of this type for Metropolitan.

An increase of \$1,350,000 in Appropriation No. 557 is now required for post design, contract administration and inspection, and procurement of the fabricated steel pipe and fittings. It is estimated that the total cost for construction of the Mills filtration plant expansion No. 2 is \$175,000,000. A breakdown of the estimated costs is shown on Attachment B.

At its meeting of February 1991, your Board certified the Final Environmental Impact Report for the Mills filtration plant expansion No. 2. As such, the project, including this action, is in compliance with the California Environmental Quality Act.

Board Committee Assignments

This letter is referred for action to:

The Engineering and Operations Committee because it has jurisdiction over the contracting of construction programs and the ordering of equipment or materials to be used pursuant to Administrative Code Section 2431(b);

The Finance and Insurance Committee because it has jurisdiction over appropriations pursuant to Administrative Code Section 2441(d).

Recommendation

ENGINEERING AND OPERATIONS COMMITTEE FOR ACTION.

It is recommended that the General Manager be authorized to award a contract to Ameron, Inc., for furnishing fabricated pipe and fittings for the Henry J. Mills Filtration Plant Expansion No. 2 under Specifications No. 1245, as amended, in the amount of \$1,050,000, plus applicable tax; and that, conditioned upon execution of the contract, all other bids be rejected.

FINANCE AND INSURANCE COMMITTEE FOR ACTION.

It is recommended that the Board authorize an increase of \$1,350,000 to Appropriation No. 557 from the 1966 General Obligation Bond Construction Fund, to a total of \$19,800,000, for the Henry J. Mills Filtration Plant Expansion No. 2.


for Carl Boronkay

Attachment A

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Abstract of Bids Received December 12, 1991, at 10:00 a.m.

Specifications No. 1245, as Amended

Furnish Fabricated Pipe and Fittings for
Mills Filtration Plant Expansion No. 2

The specifications require that the Contractor fabricate and furnish approximately 413 lineal feet of 97-inch-inside-diameter steel pipe, approximately 336 lineal feet of 121-1/2-inch-inside-diameter steel pipe, approximately 69 lineal feet of 145-1/2-inch-inside-diameter steel pipe, fittings, and appurtenances. Delivery is required by August 31, 1992.

Engineer's estimate: \$1,550,000

<u>Bidder and Location</u>	<u>Total Amount</u>	<u>7.25% Sales</u>	<u>Total Amount</u>
Ameron, Inc. Fontana, CA	\$1,050,000	\$76,125	\$1,126,125

Attachment B
Fiscal Statement

The total cost breakdowns for Revisions Nos. 3 and 4 are as follows:

	<u>Rev. No. 3</u>	<u>Rev. No. 4</u>
Specifications No. 1245, Low Bid Received December 12, 1991	\$ 0	\$ 1,050,000
Applicable Taxes	<u>0</u>	<u>76,125</u>
Total	0	\$ 1,126,125
Planning, Environmental, Water Quality, and Preliminary Engineering Studies	1,950,000	1,950,000
Labor:		
Final Design	7,690,000	7,690,000
Post Design, Contract Administration and Inspection	0	60,000
District Forces	<u>250,000</u>	<u>250,000</u>
Total Labor	\$ <u>7,940,000</u>	<u>8,000,000</u>
Materials and Supplies	650,000	650,000
Incidental Expenses	150,000	150,000
Professional Services	415,000	415,000
Environmental Mitigation	1,000,000	1,000,000
Miscellaneous	50,000	50,000
Administrative Overhead	3,710,000	3,739,000
Contingencies	<u>2,585,000</u>	<u>2,719,875</u>
Totals	\$ <u>18,450,000</u>	\$ <u>19,800,000</u>

Estimated Funds Required:

Initial Funds	\$ 425,000
Revision No. 1	733,000
Revision No. 2	792,000
Revision No. 3	16,500,000
Revision No. 4	<u>1,350,000</u>
Total	\$ <u>19,800,000</u>

Source of Funds: 1966 General Obligation
Bond Construction Fund.

Class One: Projects directly related to
delivery of water which, if
delayed, will adversely impact
reliability of service.

Projected Expenditure of Funds:

Through Fiscal Year 1990-91	\$ 4,000,000
Fiscal Year 1991-92	10,300,000
Fiscal Year 1992-93	5,500,000
Total	\$ <u>19,800,000</u>

1991-92 Capital Program (Program No. 5-5570-31):

Estimated Program Cost	\$ 175,000,000
Program Estimate for Fiscal Year 1991-92	\$ 7,913,300

Project Benefit: The increased plant capacity
is necessary to meet projected
water demands in the Riverside
County area. If